



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



March 18, 2003
Letter of Deficiency
DSP #03-032

Mr. Brian Pratt
830 Route 9
Stoddard, NH 03464

RE: Wildlife Pond Dam #223.16, Stoddard

Dear Mr. Pratt

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on October 31, 2002. During this visual inspection and/or file review, the following deficiencies were observed:

- There is minor brush growing in the emergency spillway;
2. The entire embankment is due for annual mowing;
 3. There is soil erosion on the upstream slope of the dam which is starting to encroach on the width of the crest;
 4. There is tall grass and debris around the riser inlet. An interior inspection was prevented due to this growth;
 5. The exposed end of the outlet pipe (approximately 2 linear feet) was corroded;
 6. There is a scour hole at the riser outlet pipe which is approximately 5-6 feet deep; and
 7. There is no operation and maintenance plan (O&M) on file with the DES

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

August 1, 2003:

1. Remove the minor brush growing in the emergency spillway;
2. Mow the upstream slope, dam crest, downstream slope, and flat area for a distance of 15 feet from the toe of the slope;
3. Remove the tall grass and debris from the riser inlet;

4. Install erosion protection at the outlet of the riser pipe to prevent further scour at the outlet of the pipe;
5. Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Refer to the enclosed guidelines;
6. Conduct a detailed inspection of the entire length of the outlet pipe from the riser to the outfall and replace as necessary under the direction of a New Hampshire licensed professional engineer. At a minimum, that downstream most rotted section needs to be replaced; and

On a continuing basis:

7. Monitor the erosion on the upstream face and repair when the crest width has been reduced to 6 feet.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. Please call or write to our office if the repairs are completed before the aforementioned schedule. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY


Jeffrey M. Blaney
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule ✓

Town of Stoddard

Certified # 7000 1670 0000 0586 1810

JMB/was/h:/safety/wendy/lod/223-16lod.doc



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March 19, 2003
Letter of Deficiency
DSP #03-033

Mr. Jeffrey Kevan
Sherwood Section II
125 Sherwood Lane
Jaffrey, NH 03452

RE: Cedarwood Dev. Fire Pond Dam #124.30, Jaffrey

Dear Mr. Kevan

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on October 9, 2002. During this visual inspection and/or file review, the following deficiencies were observed:

- There was minor brush on the upstream face;
- 2. The downstream slope was overgrown with trees preventing proper inspection; and
- 3. There was minor debris on the riser trash rack and vegetation growing around the drop inlet

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

May 1, 2003:

- 1. Remove the brush on the upstream slope;
- 2. Remove the trees on the downstream slope and for a distance of 15 feet from the toe of the slope; and
- 3. Remove the debris from the riser trash rack and vegetation from the perimeter of the drop inlet

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. Please call or write to our office if the repairs are completed before the aforementioned schedule. We have enclosed a self addressed stamped envelope for you to return this form.

Letter of Deficiency
Dam #124.30/DSP #03-033
March 19, 2003
pg. 2

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY

Jeffrey M. Blaney
Dam Safety Engineer

Attachments DB8, DB13

cc: Gretchen Rule

Town of Jaffrey

Certified # 7000 1670 0000 0586 1797

JMB/was/h:/safety/wendy/lod/124-30lod.doc